



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Hitoshi SAKASHITA  
SERIAL NO. : 09/904,347  
FILED : July 12, 2001  
FOR : FORGERY-PREVENTIVE IDENTIFICATION MEDIUM AND  
METHOD FOR ASCERTAINING THE GENUINENESS  
THEREOF  
ART UNIT : To be assigned  
EXAMINER : To be assigned

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Commissioner of Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

SIR:

Pursuant to 37 CFR §§ 1.56, 1.97 and 1.98, Applicants respectfully request that the Examiner consider the references listed on the attached Form PTO-1449.

**I. Timeliness, Fees and Certifications in lieu of Fees**

- ☒ A. This information disclosure statement is being filed within three months of the filing date of the application, or within three months of entry into the national stage, or before the mailing of a first Office Action on the merits. Pursuant to 37 CFR § 1.97(b), consideration of this information disclosure statement does not require a fee or a statement under 37 CFR § 1.97(e). However, should the Commissioner determine that a fee is, in fact, due, the Commissioner is hereby authorized to charge the fee to Deposit Account No. 14-1263.

- ☐ B. This information disclosure statement is being filed after the period in A above, but before the mailing of either a final action or a notice of allowance. Pursuant to 37 CFR § 1.97(c), consideration of this information disclosure statement requires a fee or a statement under 37 CFR § 1.97(e):
- ☐ 1. The Commissioner is hereby authorized to charge the fee set forth in 37 CFR § 1.17(p) to Deposit Account No. 14-1263.
- ☐ 2. Applicants hereby state that each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.
- ☐ 3. Applicants hereby state that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 CFR § 1.56 more than three months prior to the filing of this information disclosure statement.
- ☐ C. This information disclosure statement is being filed after the period specified in B above, but on or before the payment of the issue fee. Pursuant to 37 CFR § 1.97(d), consideration of this information disclosure statement requires a petition, which Applicants hereby request, and payment of the petition fee, which is set forth in 37 CFR § 1.17(i), and which the Commissioner is hereby authorized to charge to Deposit Account No. 14-1263. Consideration of this information disclosure statement also requires a statement under 37 CFR § 1.97(e):

- ☐ 1. Applicants hereby state that each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.
- ☐ 2. Applicants hereby state that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 CFR § 1.56 more than three months prior to the filing of this information disclosure statement.

## **II. Copies of Listed References**

- ☒ A. Copies of all references listed on the attached Form PTO-1449 are being supplied.
- ☐ B. Copies of all references listed on the attached Form PTO-1449 have already been supplied during the prosecution of prior application Serial No. \_\_\_\_\_, from which the present application claims priority pursuant to 35 USC § 120. Therefore, pursuant to 37 CFR § 1.98(d), copies of the references listed on the attached Form PTO-1449 are not now being supplied.
- ☐ C. This application is a PCT national stage application, all references listed on the attached Form PTO-1449 were cited in the international search report, and PCT/DO/EO/903 indicates that both the international search report and the copies of the references listed on the attached Form PTO-1449 are in this national stage file. Therefore, copies of the references listed on the attached Form PTO-1449 are not now being supplied.

### III. Concise Statement of Relevance

- ☐ A. All references listed on the attached Form PTO-1449 are in the English language, and, therefore, a concise statement of relevance is not required.
- ☒ B. A concise statement of the relevance of all references listed on the attached Form PTO-1449 that are *not in the English language*, is being provided on a separate sheet.
- ☐ C. All references listed on the attached Form PTO-1449 were cited in the search report issued by the Patent Office, and a copy of that search report, which indicates the degree of relevance found by that Patent Office, is attached.
- ☐ D. This application is a PCT national stage application, all references listed on the attached Form PTO-1449 were cited in the international search report, and a copy of that search report, which indicates the degree of relevance found by the International Search Authority, is attached.
- ☐ E. The relevance of these references is that they were cited during the prosecution of the parent application(s).

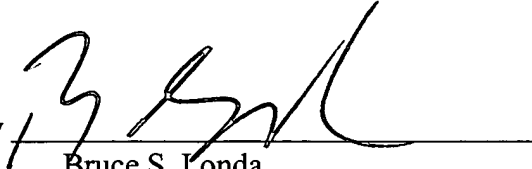
### IV. Additional Information

- ☐ A. In addition to the references listed on the attached Form PTO-1449, Applicants wish to bring to the attention of the Examiner the following abandoned or co-pending U.S. patent applications:
- [Pursuant to 37 CFR § 1.98(a)(2)(iii), copies of these applications are not being submitted.]
- ☐ B. In addition of the references listed on the attached Form PTO-1449, Applicants wish to bring to the attention of the Examiner the information provided on the attached sheet.

Consideration of the foregoing in relation to this application is respectfully requested.

Respectfully submitted,

NORRIS McLAUGHLIN & MARCUS, P.A.

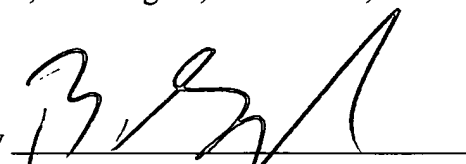
By   
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CERTIFICATE OF MAILING

I hereby certify that the foregoing Information Disclosure Statement, with attached Concise Statement of Relevance of Non-English References, Form PTO-1449 (1 Sheet), and six references are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on the date indicated below:

Date: 9-17-01

By   
Bruce S. Londa

## **Concise Statement of Relevance of Non-English References:**

### **(1) Japanese Patent No.2922474**

This document discloses an automatic radio frequency identification system. Information is a radio frequency response characteristic of a target, e.g. a resonance frequency of a resonator, and/or an attribute of the target according to a space position, etc., in the target of the resonator. The resonator includes a thin dipole, and the dipole is formed by applying metallic processing to a plastic film base plate. Information is an attribute of the target by creating the target that has a resonator which arranges information at a position to encode according to a prescribed coding system. Also, resonators are randomly arranged, and radio frequency information is converted into specific information in a specific format by applying a translation code. A reader that is used for the system reads the radio frequency response characteristic of a target in a near field of a radiation hole that is irradiated by a radio frequency generating source. Items which are encoded by radio frequency readable information include documents, a credit card and a computer diskette.

### **(2) Japanese patent Laid-open 10-269556**

The abstract discloses a magnetic recording medium which has a magnetic layer consisting of magnetic powder mainly composed of MnBi and at least one kind of the magnetic powder selected from oxide magnetic powder, metallic magnetic powder, alloy magnetic powder and compound magnetic powder. Regenerative magnetic signals are previously recorded in this magnetic layer. When the signals are once rewritten, the subsequent rewriting is difficult. If the magnetic layer is once written by cooling the medium to a low temperature to a degaussing state, then recording the signals followed by cooling the medium again to a low temperature, the subsequent rewriting is difficult according to this use method.

### **(3) Japanese patent laid-open 9-134519**

The abstract discloses a recording medium in which a magnetic layer for recording magnetic signals is constituted of two or more layers, and at least one of the layers contains MnBi magnetic particles. The other magnetic particles than the MnBi magnetic particles satisfy a relation of  $5 < (\text{coercive force of magnetic particles contained in magnetic layers other than the uppermost layer}) / (\text{coercive force of magnetic particles contained in the uppermost magnetic layer}) < 20$ . Accordingly, while the recording medium maintains a reloading function of recording signals, it can be prevented from being forged or altered.

(4) Japanese patent laid-open 10-172134

The abstract discloses magnetic recording medium which is to enable the writing of a servo signal with a low recording current and to protect the servo signal from being erased and rewritten by forming a primary-coating layer including MnBi magnetic powder for recording a signal for servo control on a non-magnetic supporting body.

(5) Japanese patent laid-open 9-102117

The abstract discloses a magnetic recording medium having a magnetic layer containing a magnetic powder essentially consisting of MnBi is used, and magnetic signals can be recorded and reproduced in this medium. First, a first signal is recorded in a desired area of the magnetic layer, and then a second signal is recorded to partly or wholly overlap the first region. When the signal is to be reproduced, the first signal is reproduced by erasing the second signal.

(6) Japanese patent laid-open 08-138921

The abstract discloses MnBi powder which is produced through such a method that Mn powder and Bi powder both of grain diameter 50 to 300 mesh are mixed together, wherein the mol ratio of Mn content to Bi content of the mixed powder is previously set to 45:55 to 65:35, the mixture is press-molded, and the molded body is heated at temperature lower than the fusing point of Bi in a non-oxidizing or reducing atmosphere, whereby a reaction takes place to produce MnBi magnetic powder.